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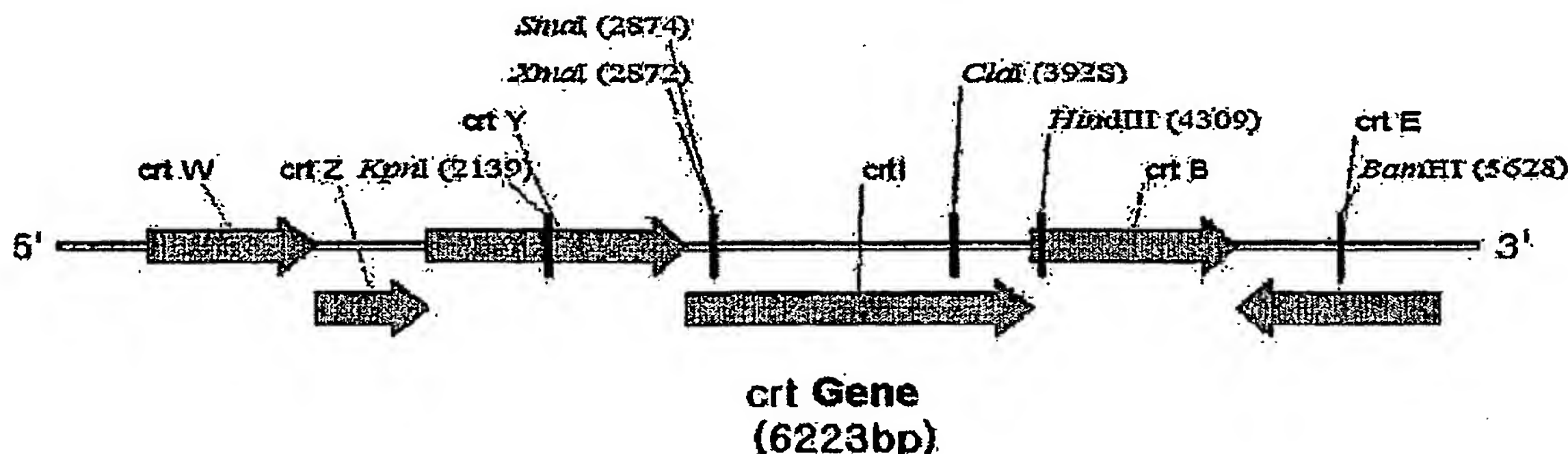
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- (71) Applicant (for all designated States except US): ALGEN-TECH [KR/KR]; 599-1 Daeyeon-dong, Nam-gu, Busan 608-020 (KR).
- (71) Applicants and  
(72) Inventors: KIM, Young Tae [KR/KR]; #107-1002, Kyungnamsunkyung Apt, Jwa-dong, Haeundae-gu, Busan 612-030 (KR). LEE, Jae Hyung [KR/KR]; 167-2 Sambang-dong, Gimhae-si, Gyeongsangnam-do 621-190 (KR).
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(54) Title: GENE INVOLVED IN THE BIOSYNTHESIS OF CAROTENOID AND MARINE MICROORGANISM, PARACOC-CUS HAEUNDAENSIS, PRODUCING THE CAROTENOID



(57) Abstract: The present invention relates to a gene involved in the biosynthesis of carotenoid and a marine microorganism producing the carotenoid, more particularly to a gene represented by Seq ID. No. 5, 7, 9, 11, 13 and 15 which encoding the protein needed to biosynthesis of carotenoid and a marine microorganism, Paracoccus haeundaensis, producing the carotenoid. Since the gene and the microorganism can effectively be used for, the massive-production of carotenoid.

WO 2004/087892 A1